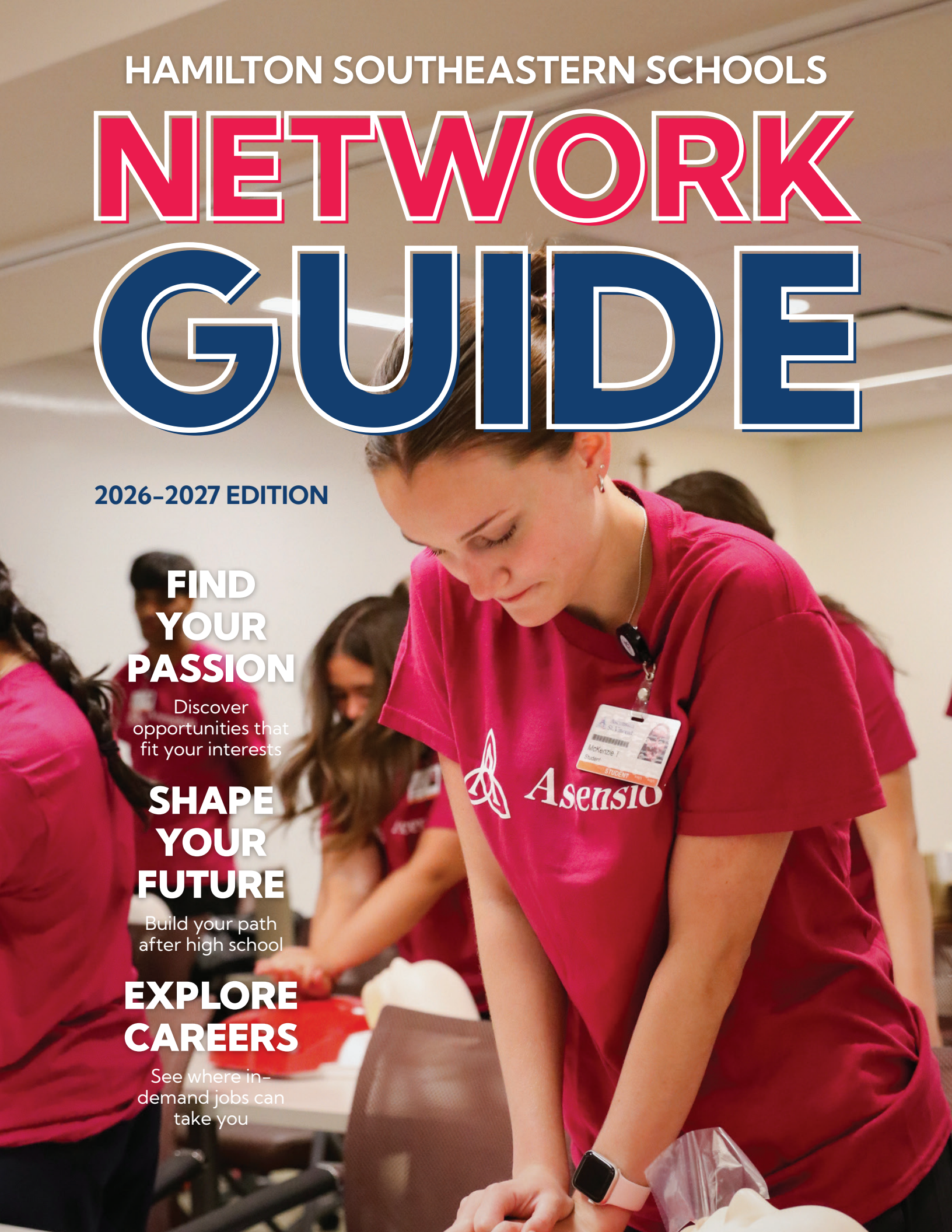
HAMILTON SOUTHEASTERN SCHOOLS

# NETWORK GUIDE

2026–2027 EDITION




## FIND YOUR PASSION

Discover opportunities that fit your interests

## SHAPE YOUR FUTURE

Build your path after high school

## EXPLORE CAREERS

See where in-demand jobs can take you

# DISCOVER WHAT'S POSSIBLE

## Dear Readers,

At Hamilton Southeastern Schools, we take pride in helping our students build their academic identity. Our Network model—shaped by the voices of our parents, students, teachers, and community partners—is intentionally designed to bridge the gap between the classroom and students' post-secondary goals.

We are living in an exciting era for education where the relationship between our schools and industry has never been stronger. This guide highlights real-world placements alongside targeted course sequences specifically designed for a student's chosen Network. Within these pages, you will also find information on the labor market, lists of in-demand careers, and opportunities for credentials of value, including industry certifications and college credits.

We want every student in our district to dream big, but we also know the advantage of exploring those dreams thoughtfully during the high school years. Students should use this guide to help narrow their interests and spark meaningful conversations about their goals. Through the combined efforts of our families, community partners, and staff, we ensure HSE graduates possess a unique academic identity that sets them apart in their chosen paths after high school.

Please enjoy this resource and the many opportunities it represents.



**Dr. Matt Kegley**
Superintendent



**Jason Urban**
Assistant Superintendent of Secondary Schools

## Students

Students should explore the eight HSE Networks and career options within the 2026–2027 Network Guide. This guide serves as a helpful conversation starter with counselors and parents as students build their high school schedules and plan for the future. Identifying interests early is an important step toward graduation and beyond.

## Families

Families can explore the vast opportunities available for their students using the Network Guide, which includes in-demand occupations and county and statewide employment data for each career network. The guide also outlines how students can earn college credit, credentials of value, and honors seals on the Indiana Diploma.

## School Staff

Counselors and teachers can use the information in this guide to support meaningful conversations with students about their goals and next steps. It can also help students explore available opportunities and better understand the Indiana Diploma and graduation requirements as they plan for the future.



# Table of Contents


**What Can This Guide Do for Me?** ..... 2

**Academic Options** ..... 4

**Freshman Seminar** ..... 5

**Graduation Requirements** ..... 6–7

**Map Your Future** ..... 8–9

**NETWORKS + CAREERS** ..... 10–25

**Work-Based Learning** ..... 26

**INDUSTRY PARTNERS** ..... 27

**MEDICAL SCIENCES**
Biomedical Science, Certified Nursing Assistant, Emergency Medical Tech, Exercise Science, Medical Assisting, Pre-Med ..... 10–11

**AGRICULTURE & NATURAL RESOURCES**
Agriscience, Agriculture Systems, Global Sustainability, Veterinary Science ..... 12–13

**ENGINEERING & TECHNOLOGY**
Computer Science, Cybersecurity, Engineering, Informatics ..... 14–15

**BUSINESS & ADMINISTRATION**
Accounting & Investment, Business Admin, Global Business, Marketing ..... 16–17

**PUBLIC SERVICE**
Education Careers, Government and Public Administration, Law Enforcement, Pre-Law, Psychology, Early Childhood Education ..... 18–19

**ARTS & COMMUNICATION**
Arts and Performance, Broadcast and Production, Journalism ..... 20–21

**INDUSTRY & ENTREPRENEURSHIP**
Automotive/Collision Repair, Automotive Technology, Construction Trades, Cosmetology, Culinary, Welding, Supply Chain Management, Precision Engineering, Aviation ..... 22–23

**INTERNATIONAL BACCALAUREATE**
Subjects and Courses, Theory of Knowledge, Extended Essay, Creativity Activity Service ..... 24–25


## JOIN THE JOURNEY

Our partnerships with local companies and organizations are essential to student success. Our team helps plan and manage work-based learning experiences, enabling local industries to build strong workforce pipelines while expanding opportunities for students to earn dual credit and industry-recognized certifications. Explore our current industry partners and join us in preparing students for successful careers.



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**PHOTOS CREDITS**
Photography throughout this guide was contributed by Natalie Newlin, HSE Schools administrators and teachers, and the Southeastern Media Network.

# ACADEMIC GLOSSARY

### Advanced College Project (ACP)

Advanced College Project (ACP) is a dual enrollment partnership between Indiana University and HSE Schools. ACP courses are offered to high school students and are taught by HSE teachers who meet Indiana University and the Higher Learning Commission academic and professional standards. Students who complete ACP courses may earn college credit from Indiana University, which may be transferable to other colleges and universities.

### Advanced Placement (AP)

Advanced Placement (AP) is a program designed and monitored by the College Board that offers college-level coursework at the high school level. AP courses are taught by HSE teachers and help students develop critical thinking, analytical, and study skills. Students enrolled in AP courses take AP exams each May and may earn college credit based on their scores.

### Career Technical Education (CTE)

Career Technical Education (CTE) is a program of study that prepares students for high-demand careers by combining academic instruction with hands-on, real-world learning. CTE courses help students develop technical skills, industry knowledge, and employability skills aligned to future careers. Most CTE courses are taught at school, with some offered at career training facilities.

### Credentials of Value

Credentials of Value are recognized achievements that demonstrate a student's skills, knowledge, and readiness for college or careers. They may include an associate degree, technical certificate, Indiana College Core, AP Scholar with Distinction, or IB diploma. The network pages **(10–25)** may also list industry-aligned certifications.

### Dual Credit

Dual Credit is an opportunity for high school students to earn college credit through courses taught by college-approved high school teachers. These courses count toward both high school graduation requirements and college credit, helping students save time and money. HSE Schools partners with several Indiana colleges and universities to offer dual credit. For the full list of opportunities, vist **fhs.hseschools.org/courseguide** or **hhs.hseschools.org/courseguide**.

### Honors Seals

Honors Seals are credentials that students may earn and add to their Indiana high school diplomas to demonstrate readiness for life after graduation. Honors Seals align to postsecondary pathways and help students showcase preparation for their chosen next steps. All students are strongly encouraged to earn at least one seal. Additional information can be found on **page 9**.

### Indiana College Core

Indiana College Core is a transferable general education curriculum offered through a partnership between HSE Schools and Indiana University. Students may complete a combination of ACP and AP courses; however, at least 15 of the required 30 credits must be earned through ACP. Students who successfully complete all 30 general education credits through IU may transfer the Indiana College Core to another public college or university in Indiana.

### International Baccalaureate (IB)

International Baccalaureate (IB) is a rigorous, internationally recognized program that challenges students through in-depth study, research, and assessment and may lead to college credit or advanced standing at many universities. The IB program is offered only at Fishers High School. Students interested in this option will select IB as their network. Additional information can be found on **pages 24–25**.

### Work-Based Learning (WBL)

Work-Based Learning (WBL) is a set of structured experiences that connect classroom instruction with real-world work environments. Work-based learning allows students to explore careers, develop employability skills, and gain hands-on experience through internships, school-based simulations, industry sponsored challenges, etc. Students can use WBL to earn credentials of value and Honors Seals on their diplomas to show experience that sets them apart from other graduates. Additional information can be found on **page 26**.



# FRESHMAN SEMINAR

Freshman Seminar equips students with the knowledge and skills they need to thrive in high school and prepare for college, careers, and life beyond graduation. All freshmen at both Fishers High School and Hamilton Southeastern High School are enrolled in the course during their first semester, ensuring every student begins high school with a strong foundation and clear direction. The class emphasizes how today's choices shape tomorrow's opportunities, guiding students through self-discovery, decision-making, and future planning.

Students build essential personal, academic, and employability skills such as time management, communication, collaboration, and problem-solving. Through reflection and real-world application, they learn to transfer school skills to life and work beyond the classroom. Freshman Seminar fulfills Indiana's Preparing for College and Careers graduation requirement and serves as a cornerstone experience for all HSE freshmen.

- **Exploring Self**
- **Exploring Networks and Careers**
- **Exploring Postsecondary Options**
- **Making Decisions**
- **Making a Plan**
- **Personal Skills**
- **Employability Skills**

## LIMITLESS POTENTIAL

"Freshman Seminar, equips students to explore what they can do now to help their future selves. Building a curriculum that equips students with transferable skills has been extremely gratifying and rewarding for me. In Freshman Seminar, students engage in lessons and activities, interact with guest speakers, and gain a glimpse into potential careers that align with their personalities and passions. It's as if they are explorers placed in the middle of a map, discovering where each path can take them and what steps are needed to follow those paths."

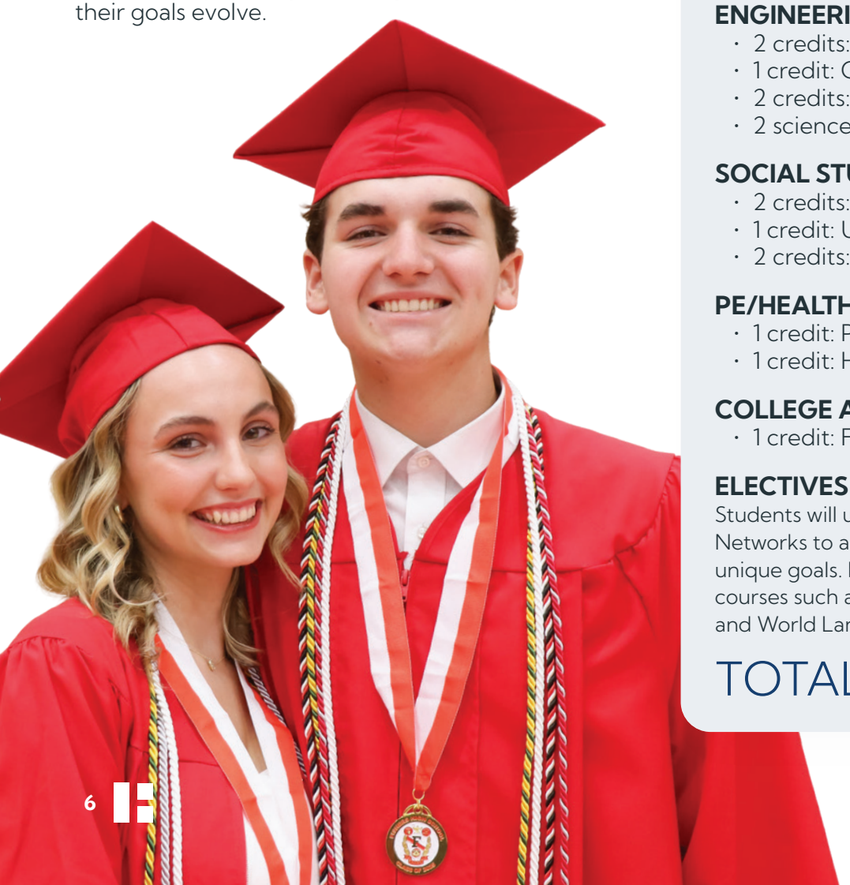
**Ms. Tori Schuh**
FHS Freshman Seminar Teacher



# GRADUATION REQUIREMENTS

## Personalized Education

The new Indiana Diploma gives students the flexibility to personalize their high school experience around their interests and career goals. It is important for every student to understand and visualize a path to success, with the ultimate goal of graduating prepared for success in college, career, or other postsecondary opportunities. Students must first complete the 42 minimum credits for the base diploma and choose a Honors seal, which includes additional requirements beyond the base diploma. Hamilton Southeastern Schools encourages students to plan ahead and understand these requirements early, so they can adjust their graduation plan as their goals evolve.



## INDIANA DIPLOMA

**ENGLISH — 8 Credits**
- 2 credits: English 9
- 2 credits: English 10
- 1 credit: Communications focused
- 3 English credits of your choice

**MATH — 7 Credits**
- 2 credits: Algebra I
- 2 credits: Geometry
- 2 credits: Algebra II
- 1 credit: Personal Finance

**SCIENCE, TECHNOLOGY AND ENGINEERING — 7 Credits**
- 2 credits: Biology I
- 1 credit: Computer Science
- 2 credits: STEM-focused
- 2 science credits of your choice

**SOCIAL STUDIES — 5 Credits**
- 2 credits: U.S. History
- 1 credit: U.S. Government
- 2 credits: World Perspectives or Languages

**PE/HEALTH — 2 Credits**
- 1 credit: Physical Education
- 1 credit: Health & Wellness

**COLLEGE AND CAREERS — 1 Credit**
- 1 credit: Freshmen Seminar

**ELECTIVES — 12 Credits**

Students will utilize the Honors Seals and HSE Networks to align these electives with their unique goals. Electives can include a variety of courses such as CTE, Performing or Fine Arts, and World Languages.

TOTAL: **42 CREDITS**



# Honors Seals

**Designed for students who plan to attend college.**

### ENROLLMENT

- **4 World Language credits**
- **1 additional Social Studies credit**
- **1 additional Math credit**
- **4 additional Science credits**
- **Earn a C or higher in all courses and earn a cumulative B grade point average**
- **Complete one of the following:**
  - 4 credits in AP courses and pass corresponding exam
  - 6 college credits
  - 4 credits in IB courses and take corresponding exam
  - Score a 1250 on the SAT or a 26 on the ACT

- **Earn the Honors Seal**
- **Earn a credential of value**
- **Complete 75 hours of WBL**
- **Demonstrate communication, collaboration, and work ethic skills**

Earning the Honors+ Seal **guarantees** a student automatic acceptance to all seven Indiana public colleges and universities.

**Designed for students who plan to go straight into a career.**

### EMPLOYMENT

- **Complete one of the following:**
  - Earn a market-driven credential of value
  - Complete 3 courses in a CTE pathway
- **Complete 150 hours of work-based learning**
- **Demonstrate communication, collaboration, and work ethic skills**
- **Meet attendance goal**

- **Earn the Honors Seal**
- **Earn a market-driven credential of value**
- **Complete 500 additional hours of WBL (650 total)**

Earning the Honors+ Seal **guarantees** a student dedicated career support with Ascend Indiana including interviews with top state employers.

**Designed for students who plan to serve locally or nationally.**

### ENLISTMENT

- **Complete a Public Service course with emphasis on physical and character standards required for service**
- **Score a 31 on the ASVAB and complete all three components of the Career Exploration Program**
- **Demonstrate communication, collaboration, and work ethic skills**
- **Meet attendance goal**

- **Earn the Honors Seal**
- **Score a 50 on the ASVAB**
- **Demonstate leadership skills in one of the following:**
  - Complete 100 hours of public service
  - Hold a leadership role in a co/extracurricular activity
  - Complete two seasons of a team-based sport or activity

Earning the Honors+ Seal **guarantees** a student enlistment into the Indiana National Guard leading to more opportunities like college credit and priority job placement.



# MAP YOUR FUTURE

STEP 1

## EXPLORE OPTIONS

Take some time to explore the networks and careers on pages **10–25**, then consider the questions below as you think about what might be a good fit for you:

- Could I see myself in this career?
- Does this career match my interests and skills?
- Where could this career take me?
- What are the job growth opportunities?
- What education or training is required?
- What classes, programs, or certifications can help me prepare?

STEP 2

## PLAN AND DISCUSS

When you discover a network or career path that interests you, take time to discuss it with your parents or guardians and the teachers who know you well. You can also connect with your guidance counselor for support as you explore your options and plan your next steps. Find your counselor at **fhs.hseschools.org** or **hhs.hseschools.org**.

STEP 3

## CHOOSE NETWORK

Once you have a better idea of the career path you want to explore, choose the HSE network that aligns with your interests. Whether you discover a career that feels like the perfect fit or learn that it's not for you, exploring your options early can help you make informed decisions.

Identify your program's introductory course and be sure to include this information in your four-year planning guide.

## ACCESS NAVIANCE

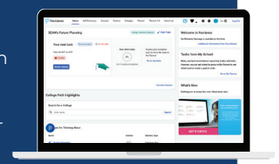
Naviance is a web-based advising system that students will use to help them navigate their high school education. Students will access this system through the single sign-on Clever app.

**Naviance will help students:**

- Determine personality traits
- Discover learning styles
- Search and compare colleges
- Track applications
- Find scholarship opportunities

Access Clever at **hseschools.org/students**

**Need Help?**
If you have trouble logging in to Naviance, please contact your Guidance Office.
Dial 317-915-4293 for FHS or 317-594-4193 for HHS.





# First Steps

| Network Programs | Introductory Course |
|---|---|
| BIOMEDICAL SCIENCE | Principles of Biomedical |
| CERTIFIED NURSING ASSISTANT | Principles of Healthcare |
| EMERGENCY MEDICAL TECH | Principles of Healthcare |
| EXERCISE SCIENCE | Principles of Exercise Science |
| MEDICAL ASSISTING | Principles of Healthcare |
| PRE-MED | AP or ACP Chemistry |
| AGRICULTURE SYSTEMS | Principles of Agriculture |
| AGRISCIENCE | Principles of Agriculture |
| GLOBAL SUSTAINABILITY | AP Human Geography |
| VETERINARY SCIENCE | Principles of Veterinary Science |
| COMPUTER SCIENCE | AP Computer Science Principles |
| CYBERSECURITY | Principles of Computing |
| ENGINEERING | AB/BC Calculus |
| INFORMATICS | ACP Informatics |
| ACCOUNTING & INVESTMENT | Principles of Business Management |
| BUSINESS ADMINISTRATION | ACP Business Administration |
| GLOBAL BUSINESS | AP Research or IB Global Politics or International Business |
| MARKETING | Principles of Business Management |
| EDUCATION CAREERS | Principles of Teaching |
| GOVERNMENT & PUBLIC ADMIN | ACP Business |
| LAW ENFORCEMENT | Principles of Criminal Justice |
| PRE-LAW | Law Education |
| PSYCHOLOGY | Psychology or Sociology |
| EARLY CHILDHOOD EDUCATION | Principles of Early Childhood Education |
| ARTS & PERFORMANCE | Foundations of Art and Design |
| BROADCAST & PRODUCTION | Principles of Broadcasting or Digital Media |
| JOURNALISM | Principles of Business Management |
| AUTOMOTIVE/COLLISION REPAIR | Principles of Collision Repair |
| AUTOMOTIVE TECHNOLOGY | Principles of Automotive Services |
| CONSTRUCTION TRADES | Principles of Construction Trades |
| COSMETOLOGY | Principles of Barbering and Cosmetology |
| CULINARY | Principles of Culinary and Hospitality |
| WELDING | Principles of Welding |
| SUPPLY CHAIN MANAGEMENT | Principles of Business Management |
| PRECISION MACHINING | Principles of Precision Machining |
| AVIATION | Principles of Aviation Management |

# MEDICAL SCIENCES



**DO YOU LIKE HELPING PEOPLE? DO YOU WORK WELL UNDER PRESSURE? ARE YOU INTERESTED IN THE HUMAN BODY?**

Explore the Medical Sciences network!

## OVERVIEW

The Medical Sciences network introduces students to careers focused on improving health, saving lives, and advancing modern medicine. From patient care to research and medical technology, this field blends compassion, critical thinking, and innovation. Students gain hands-on experience and learn how science and teamwork come together to make a real impact in their communities.

## STUDENT PROFILE

- You enjoy math, science, and problem-solving
- You are curious and detail-oriented
- You like helping others and working with people
- You are patient, compassionate, and hardworking
- You enjoy research, teamwork, and learning how things work
- You feel excited by the idea of contributing to medical advancements or healthcare

## IN DEMAND CAREERS

| OCCUPATION | SUGGESTED EDUCATION | MEDIAN SALARY | (OVER 10 YEARS) JOB GROWTH | MEDIAN SALARY | (OVER 10 YEARS) JOB GROWTH | |
|---|---|---|---|---|---|---|
| | | HAMILTON COUNTY | | STATE OF INDIANA | | |
| Anesthesiologist Assistant | Master's Degree | $133,093 | 26% | $144,206 | 33% | 🔥 |
| Bioinformatics Scientist | Master's Degree | $103,116 | 8% | $100,339 | 6% | 🔥 |
| Dental Hygienist | Associate's Degree | $91,668 | 10% | $86,320 | 11% | 🔥 |
| Dentist | Doctoral Degree | $161,621 | 8% | $209,498 | 9% | |
| General Physician | Doctoral Degree | $260,454 | 2% | $308,568 | -1% | |
| Medical Assistant | HS + Certification | $44,701 | 12% | $42,494 | 18% | |
| MRI Technologist | Associate's Degree | $85,577 | 5% | $81,578 | 6% | 🔥 |
| Nurse Practitioner | Master's Degree | $130,459 | 32% | $126,526 | 54% | 🔥 |
| Paramedic | HS + Certification | $60,297 | -2% | $58,282 | 9% | |
| Physical Therapist | Doctoral Degree | $99,157 | 20% | $98,322 | 20% | 🔥 |
| Radiologic Technician | Associate's Degree | $78,456 | 2% | $73,278 | 7% | 🔥 |
| Registered Nurse | Bachelor's Degree | $81,093 | 4% | $85,842 | 8% | 🔥 |

Source: Invest Hamilton County and Indiana Department of Workforce Development

## PROGRAMS AND COURSES

**Biomedical Science**
Principles of Biomedical Sciences
Human Body Systems
Medical Interventions

**Certified Nursing Assistant**
Principles of Healthcare
Medical Terminology
Certified Nursing Assistant

**Emergency Medical Tech**
Principles of Healthcare
Medical Terminology
Emergency Medical Technician

**Exercise Science**
Principles of Exercise Science
Kinesiology
Human Performance

**Medical Assisting**
Principles of Healthcare
Medical Terminology
Certified Clinical Medical Assisting

**Pre-Med**
AP/ACP Chemistry
Advanced Anatomy/Physiology
AP/ACP Biology

## CERTIFICATION OPPORTUNITIES

- Certified Nursing Assistant
- Certified Medical Assistant
- Emergency Medical Technician
- American Red Cross Lifeguard
- American Red Cross CPR/AED First Aid



# AGRICULTURE & NATURAL RESOURCES



**DO YOU LIKE SOLVING PROBLEMS? ARE YOU RESPONSIBLE AND SAFETY MINDED? DO YOU LOVE PLANTS OR ANIMALS?**

Explore the Agriculture & Natural Resources network!

## OVERVIEW

The Agriculture & Natural Resources network introduces students to careers focused on food production, plant and animal science, and modern agricultural technology. Students explore how innovation and problem-solving shape farming, conservation, and resource management. This field blends hands-on work with science and technology to meet the demands of a growing world.

## STUDENT PROFILE

- You are curious about the natural world
- You enjoy hands-on learning or working outdoors
- You care about the environment and sustainability
- You like solving practical, real-world problems
- You are hardworking and dependable
- You are interested in science and technology
- You are comfortable with tools and equipment

## PROGRAMS AND COURSES

### Agriscience

Principles ofAgriculture
Animal Science
Plant and Soil Science **or**
Advanced Science: Animals

### Agriculture Systems

Principles of Agriculture
Agriculture Power, Structures, and Technology
Principles of Welding

### Global Sustainability

AP Human Geography
AP Macroeconomics
AP/IB Global Politics **or**
AP Environmental Science

### Veterinary Science

Principles of Veterinary Science
Veterinary Science
Advanced Science: Animals



## IN DEMAND CAREERS

| OCCUPATION | SUGGESTED EDUCATION | MEDIAN SALARY | (OVER 10 YEARS) JOB GROWTH | MEDIAN SALARY | (OVER 10 YEARS) JOB GROWTH | |
|---|---|---|---|---|---|---|
| Animal Scientist | Doctoral Degree | $70,820 | 0% | $99,905 | 10% | |
| Biofuel Technology Manager | Bachelor's Degree | $157,985 | 4% | $151,507 | 7% | 🔥 |
| Energy Engineer | Bachelor's Degree | $110,517 | 9% | $108,763 | 5% | 🔥 |
| Environmental Engineer | Bachelor's Degree | $94,341 | 11% | $113,027 | 6% | 🔥 |
| Environmental Restoration Planner | Bachelor's Degree | $81,081 | 12% | $83,325 | 16% | 🔥 |
| Farm Equipment Mechanic | HS + Certification | $57,778 | 10% | $55,162 | 10% | 🔥 |
| Food Scientist | Bachelor's Degree | $82,149 | 10% | $79,585 | 8% | |
| Geneticist | Doctoral Degree | $103,116 | 8% | $100,339 | 6% | 🔥 |
| Soil and Plant Scientist | Master's Degree | $78,566 | 8% | $86,955 | 9% | |
| Surveyor | Bachelor's Degree | $86,348 | 7% | $82,846 | 4% | 🔥 |
| Veterinarian | Doctoral Degree | $122,915 | 16% | $123,968 | 19% | |
| Water Resource Specialist | Master's Degree | $82,891 | 7% | $106,912 | -2% | 🔥 |
| | | | HAMILTON COUNTY | | STATE OF INDIANA | |

Source: Invest Hamilton County and Indiana Department of Workforce Development

## CERTIFICATION OPPORTUNITIES

**FFA Part 107 Drone Pilot**

**Elanco Veterinary Medical Applications**







# ENGINEERING & TECHNOLOGY



**ARE YOU TECH-SAVVY? DO YOU ENJOY TINKERING WITH ELECTRONICS? DO YOU LIKE IMPROVING HOW THINGS WORK?**

Explore the Engineering & Technology network!

## OVERVIEW

The Engineering & Technology network introduces students to careers focused on designing, building, and improving real-world systems and products. Students learn how creativity, logic, and innovation come together through hands-on problem-solving and technology. This field is ideal for those who enjoy turning ideas into practical solutions and tackling complex challenges.

## STUDENT PROFILE

- You enjoy math and working with computers
- You like solving problems and thinking logically
- You pay attention to details
- You enjoy building, designing, or testing things
- You are patient, focused, and persistent
- You like learning how things work and how to make them better

## PROGRAMS AND COURSES

**Computer Science**

AP Computer Science Principles
Website and Database Devo.
AP Computer Science A **or**
Software Development

**Cybersecurity**

Principles of Computing
AP Cybersecurity
Advanced Cybersecurity

**Engineering**

AB/BC Calculus
AP Physics
AP Computer Science, AP
Biology or AP Chemistry

**Informatics**

ACP Informatics
ACP Finite Mathematics **or**
ACP Calculus Survey
AP Cybersecurity

## IN DEMAND CAREERS

| OCCUPATION | SUGGESTED EDUCATION | MEDIAN SALARY | (OVER 10 YEARS) JOB GROWTH | MEDIAN SALARY | (OVER 10 YEARS) JOB GROWTH | |
|---|---|---|---|---|---|---|
| Aerospace Engineer | Bachelor's Degree | $110,390 | 5% | $112,861 | 9% | 🔥 |
| Chemical Engineer | Bachelor's Degree | $112,507 | 15% | $121,576 | 13% | |
| Computer Network Architect | Bachelor's Degree | $121,057 | 11% | $113,901 | 9% | 🔥 |
| Computer Systems Analyst | Associate's Degree | $99,190 | 6% | $100,984 | 11% | 🔥 |
| Data Warehousing Specialist | Bachelor's Degree | $133,299 | 9% | $132,142 | 8% | 🔥 |
| Information Security Engineer | Bachelor's Degree | $99,189 | 12% | $96,242 | 9% | 🔥 |
| Mechanical Engineer | Bachelor's Degree | $97,553 | 9% | $103,438 | 11% | 🔥 |
| Physicist | Doctoral Degree | $161,359 | 5% | $125,632 | 5% | |
| Software Developer | Bachelor's Degree | $104,967 | 17% | $107,619 | 22% | 🔥 |
| Telecomm. Engineering Specialist | Associate's Degree | $121,057 | 11% | $113,901 | 8% | 🔥 |
| Video Game Designer | Bachelor's Degree | $62,112 | 6% | $74,714 | 12% | 🔥 |
| Web Administrator | Bachelor's Degree | $98,189 | 12% | $96,242 | 9% | 🔥 |
| Source: Invest Hamilton County and Indiana Department of Workforce Development | | HAMILTON COUNTY | | STATE OF INDIANA | | |

## CERTIFICATION OPPORTUNITIES

**CompTIA A+**









# BUSINESS & ADMINISTRATION



**ARE YOU PERSUASIVE? ARE YOU A SELF-STARTER?**
**DO YOU ENJOY DISCUSSING REVENUE AND SALES?**
**DO YOU LIKE SETTING GOALS AND OBJECTIVES?**

Explore the Business & Administration network!

## OVERVIEW

The Business & Administration network helps students build leadership, communication, and problem-solving skills used in every industry. Students learn how organizations operate, how to make smart decisions, and how to work effectively in teams while exploring areas like management, finance, marketing, and entrepreneurship. It's a strong foundation for students interested in turning ideas into action.

## STUDENT PROFILE

- You enjoy working with people and leading projects
- You communicate clearly and confidently
- You like setting goals and planning
- You are comfortable with math and numbers
- You enjoy organizing tasks or managing details
- You are creative, motivated, and a self-starter

## PROGRAMS AND COURSES

### Accounting & Investment

Principles of Business Management
Accounting Fundamentals **or**
Management Fundamentals
Finance and Investment

### Business Administration

ACP Business Administration
AP Macro/Microeconomics
AP Statistics **or**
ACP Finite Math

### Global Business

AP Research **or** IB Global Politics **or**
International Business
Level III World Language or above
ACP Business Administration

### Marketing

Principles of Business Management
Marketing Fundamentals
Digital Marketing
Strategic Marketing

## IN DEMAND CAREERS

| OCCUPATION | SUGGESTED EDUCATION | MEDIAN SALARY | (OVER 10 YEARS) JOB GROWTH | MEDIAN SALARY | (OVER 10 YEARS) JOB GROWTH | |
|---|---|---|---|---|---|---|
| | | HAMILTON COUNTY | | STATE OF INDIANA | | |
| Actuary | Bachelor's Degree | $99,452 | 3% | $102,960 | 21% | 🔥 |
| Business Intelligence Analyst | Bachelor's Degree | $89,941 | 26% | $92,622 | 32% | 🔥 |
| Economist | Master's Degree | $110,855 | 15% | $108,673 | 23% | |
| Executive Secretary | Associate's Degree | $59,612 | 4% | $61,922 | -18% | 🔥 |
| Human Resource Specialist | Bachelor's Degree | $62,906 | 8% | $68,682 | 10% | 🔥 |
| Marketing Manager | Bachelor's Degree | $123,982 | 11% | $142,938 | 10% | 🔥 |
| Personal Financial Advisor | Bachelor's Degree | $104,602 | 12% | $158,558 | 10% | 🔥 |
| Political Scientist | Doctoral Degree | $127,695 | 10% | $128,046 | 6% | |
| Project Manager | Bachelor's Degree | $92,439 | 11% | $96,325 | 5% | 🔥 |
| Purchasing Manager | Bachelor's Degree | $130,654 | 6% | $133,078 | 7% | 🔥 |
| Real Estate Broker | Bachelor's Degree | $79,473 | 4% | $96,990 | 5% | 🔥 |
| Statistician | Master's Degree | $121,131 | 11% | $110,053 | 34% | |

Source: Invest Hamilton County and Indiana Department of Workforce Development

## CERTIFICATION OPPORTUNITIES

**Microsoft Office Specialist**









# PUBLIC SERVICE



**ARE YOU A CRITICAL THINKER? DO YOU LIKE HELPING OTHERS THROUGH CHALLENGES? DO YOU LIKE EXPLAINING IDEAS?**

Explore the Public Service network!

## OVERVIEW

The Public Service network prepares students for careers focused on helping others and strengthening communities. Students develop communication, teamwork, and problem-solving skills while learning how service-driven professions create positive change. This network is ideal for students who want meaningful work that makes a real impact on people's lives.

## STUDENT PROFILE

- You enjoy working closely with people
- You like listening, explaining, or teaching
- You care about justice and the rule of law
- You are patient, empathetic, and understanding
- You communicate clearly and confidently
- You want to make a difference in someone's life
- You stay calm under pressure
- You are curious about human behavior

## IN DEMAND CAREERS

| OCCUPATION | SUGGESTED EDUCATION | MEDIAN SALARY | (OVER 10 YEARS) JOB GROWTH | MEDIAN SALARY | (OVER 10 YEARS) JOB GROWTH | |
|---|---|---|---|---|---|---|
| Child and Family Social Worker | Bachelor's Degree | $52,153 | 7% | $55,141 | 10% | |
| Court Reporter | HS + Certification | $51,289 | 1% | $54,205 | 6% | |
| Emergency Management Director | Bachelor's Degree | $64,815 | 2% | $66,144 | 5% | |
| Intelligence Analyst | Bachelor's Degree | $78,427 | 4% | $79,498 | 4% | |
| Judge | Doctoral Degree | $181,808 | 5% | $151,507 | 1% | |
| Lawyer | Doctoral Degree | $133,225 | 1% | $158,267 | 10% | |
| Probation or Correctional Officer | Bachelor's Degree | $64,710 | 3% | $63,502 | 7% | |
| Regulatory Affairs Specialist | Bachelor's Degree | $76,100 | 6% | $77,896 | 10% | |
| School Psychologist | Master's Degree | $76,235 | 4% | $76,877 | 12% | |
| Secondary Teacher | Bachelor's Degree | $62,362 | 2% | $64,910 | 8% | |
| Social/Community Service Mgr. | Bachelor's Degree | $69,241 | 11% | $73,341 | 18% | |
| Special Education Teacher (Elem) | Bachelor's Degree | $57,696 | 1% | $53,120 | 8% | |

Source: Invest Hamilton County and Indiana Department of Workforce Development — HAMILTON COUNTY — STATE OF INDIANA

## PROGRAMS AND COURSES

**Education Careers**
Principles of Teaching
Child and Adolescent Development
Teaching and Learning

**Government & Public Admin**
ACP Business
AP Macro/Micro or AP Statistics
ACP Speech/AP Government or
ACP Government

**Law Enforcement**
Principles of Criminal Justice
Law Enforcement Fundamentals
Corrections and Correctional
Awareness

**Pre-Law**
Law Education
AP Language and Composition
ACP Government/We The People

**Psychology**
Sociology or Psychology
AP Statistics
AP/ACP/IB Psychology or
DC Anatomy

**Early Childhood Education**
Principles of Early Childhood Ed.
Early Childhood Ed. Guidance
Early Childhood Ed. Curriculum

## CERTIFICATION OPPORTUNITIES

**Child Development Associate**








# ARTS & COMMUNICATION



**ARE YOU A CREATIVE THINKER? DO YOU DESIRE TO BLAZE YOUR OWN TRAIL? DO YOU HAVE AN APPRECIATION FOR ART OR CULTURE?**

Explore the Arts & Communication network!

## OVERVIEW

The Arts & Communication network introduces students to careers focused on creativity, storytelling, and connecting with audiences. Students explore how ideas become performances, media, and messages that shape culture and everyday life. This field blends imagination, collaboration, and communication to bring stories and experiences to life.

## STUDENT PROFILE

- You enjoy being creative and original
- You like expressing ideas through writing, art, music, or videography and photography
- You are curious and observant about the world
- You communicate well and enjoy collaborating
- You are passionate and motivated by your interests
- You enjoy telling stories or sharing messages
- You love creating digital content and art

## PROGRAMS AND COURSES

**Arts and Performance**

Foundations of Art and Design
ACP Speech
Adv. Band/Orchestra/Art/Theatre

**Broadcast and Production**

Principles of Broadcasting **or** Digital Media
A/V Production **or** Student Media
Mass Media Production

**Journalism**

Principles of Business Management
ACP Speech
Stud. Media: Newspaper/Yearbook

## CERTIFICATION OPPORTUNITIES

**Music Sound Production Pro Tools**

**Adobe Professional Tools**

## IN DEMAND CAREERS

| OCCUPATION | SUGGESTED EDUCATION | MEDIAN SALARY | (OVER 10 YEARS) JOB GROWTH | MEDIAN SALARY | (OVER 10 YEARS) JOB GROWTH | |
|---|---|---|---|---|---|---|
| Architectural Manager | Master's Degree | $157,985 | 4% | $151,507 | 7% | 🔥 |
| Art Director | Bachelor's Degree | $63,821 | 12% | $118,082 | 9% | 🔥 |
| Audio and Video Technician | Bachelor's Degree | $56,453 | 4% | $52,541 | 20% | 🔥 |
| Camera Operator | Associate's Degree | $51,353 | 6% | $55,890 | 15% | |
| Fine Artist | HS + Some College | $20,182 | 15% | $72,030 | 12% | |
| Graphic Designer | Bachelor's Degree | $58,702 | 4% | $63,482 | 4% | 🔥 |
| Interior Designer | Bachelor's Degree | $55,213 | 8% | $61,942 | 2% | 🔥 |
| Journalist or News Analyst | Bachelor's Degree | $51,207 | -11% | $58,739 | 3% | |
| Multimedia Artist or Animator | Bachelor's Degree | $34,050 | 15% | $56,638 | 9% | |
| Music Director and Composer | Master's Degree | $69,059 | 4% | $84,968 | 11% | |
| Public Relations Manager | Bachelor's Degree | $108,593 | 7% | $126,318 | 12% | 🔥 |
| Technical Writer | Bachelor's Degree | $83,127 | 1% | $80,184 | 13% | 🔥 |
| Source: Invest Hamilton County and Indiana Department of Workforce Development | | HAMILTON COUNTY | | STATE OF INDIANA | | |



# INDUSTRY & ENTREPRENEURSHIP



**DO YOU LOVE TO WORK WITH YOUR HANDS? ARE YOU DEPENDABLE? DO YOU LIKE TO SOLVE PROBLEMS? DO YOU ENJOY SERVING OTHERS?**

Explore the Industry and Entrepreneurship network!

## OVERVIEW

The Industry & Entrepreneurship network prepares students with hands-on technical skills and the confidence to build and grow their own ventures. Students learn how things are made, maintained, and managed while gaining real-world experience in skilled trades and business.

## PROGRAMS AND COURSES

**Automotive/Collision Repair**
Principles of Collision Repair
Repair & Paint Fundamentals
Automotive Body Repair

**Automotive Technology**
Principles of Automotive Services
Brake Systems
Steering and Suspensions

**Construction Trades**
Principles of Construction Trades
General Carpentry and Framing & Finishing
Construction Trades

**Cosmetology**
Principles of Barbering & Cosmetology
Barbering and Cosmetology Fund.
Advanced Cosmetology

**Culinary**
Principles of Culinary & Hospitality
Nutrition
Culinary Art

**Welding**
Principles of Welding
Shielded Metal Arc Welding
Gas Welding

**Supply Chain Management**
Principles of Business Management
Logistics and Management
Supply Chain Management

**Precision Machining**
Principles of Precision Machining
Precision Machining Fundamentals
Advanced Precision Machining

**Aviation**
Principles of Aviation Management
Aviation Operations and Safety
Private Pilot Theory



## IN DEMAND CAREERS

| OCCUPATION | SUGGESTED EDUCATION | MEDIAN SALARY | (OVER 10 YEARS) JOB GROWTH | MEDIAN SALARY | (OVER 10 YEARS) JOB GROWTH | |
|---|---|---|---|---|---|---|
| | | HAMILTON COUNTY | | STATE OF INDIANA | | |
| Automotive Engineer | Bachelor's Degree | $97,553 | 9% | $103,438 | 11% | |
| Automotive Engineering Tech | Associate's Degree | $76,518 | -1% | $76,190 | 8% | 🔥 |
| Chef or Head Cook | Associate's Degree | $50,007 | 15% | $60,195 | 21% | 🔥 |
| Construction Manager | Bachelor's Degree | $80,556 | 13% | $107,453 | 11% | 🔥 |
| Cosmetologist | HS + Certification | $32,688 | 5% | $35,443 | 18% | |
| Crane and Tower Operators | HS + Certification | $76,047 | 5% | $62,442 | 5% | 🔥 |
| Electrician | HS + Certification | $65,932 | 12% | $67,891 | 9% | 🔥 |
| HVAC or Refrigeration Mechanic | HS + Certification | $60,493 | 13% | $62,525 | 5% | 🔥 |
| Machinery Maintenance | HS + Certification | $63,837 | 14% | $67,974 | 21% | |
| Online Merchant | Associate's Degree | $75,122 | 12% | $81,494 | 5% | 🔥 |
| Plumber or Pipefitter | HS + Certification | $63,999 | 9% | $69,514 | 5% | 🔥 |
| Project Management Specialist | Bachelor's Degree | $92,439 | 11% | $96,325 | 5% | 🔥 |

Source: Invest Hamilton County and Indiana Department of Workforce Development

## CERTIFICATION OPPORTUNITIES

- OSHA 10 Safety
- NCCER Carpentry
- NCCER Core
- AWS Shielded Metal ARC Welding
- AWS Tungsten ARC Welding
- AWS Gas Metal MIG
- Ivy Tech Machine Tooling Technology
- Ivy Tech Structural Welding
- Ivy Tech Machine Tooling
- Ivy Tech Welding Technology





# INTERNATIONAL BACCALAUREATE (IB)



**DO YOU ENJOY ACADEMIC CHALLENGES? ARE YOU PLANNING TO ATTEND COLLEGE? DO YOU LIKE THINKING ABOUT GLOBAL ISSUES?**

Explore the International Baccalaureate network!

## OVERVIEW

The IB network offers one of the most rigorous academic pathways available. With an internationally recognized curriculum, IB emphasizes inquiry, critical thinking, and global understanding while allowing students to earn internationally recognized college credit. The program supports strong academic growth while developing thoughtful, knowledgeable, and compassionate learners prepared for success in college and beyond.

## STUDENT PROFILE

- You enjoy challenging classes and academic rigor
- You are curious and like asking thoughtful questions
- You enjoy reading, writing, and critical thinking
- You care about global issues and different cultures
- You are motivated, organized, and self-disciplined
- You set high standards for yourself and your work
- You plan to attend a four-year college or study abroad
- You are interested in graduate studies leading to advanced degrees (MS, PhD, MD, JD, etc.)

## SUBJECTS AND COURSES

### Language & Literature

IB English HL

### Language Acquisition

IB Spanish HL & SL
IB French HL & SL
IB German HL & SL
French Ab Initio SL

### Individuals & Societies

History of Europe HL
IB Psychology HL & SL
Economics SL
IB World Religion SL
IB Global Politics SL

### Sciences

Biology HL
Chemistry SL
Physics HL & SL

### Mathematics

Math Analysis & Approaches HL & SL
Math Applications & Interpretations HL & SL

### The Arts

Music HL & SL
Film Study HL & SL



### Theory of Knowledge

This is a course designed to have students better understand why they know what they know—and where that information or knowledge came from. The goal of the course is to create minds that are capable of bringing in new information without judgment, think about it, form new thoughts based on their previous knowledge, and then clearly articulate those thoughts.

### Extended Essay

A 4,000-word research paper of a topic of their choice, the Extended Essay is an opportunity for students to investigate a specific question within a subject area that the student is particularly interested in.

**Experience Providers**
A component of the Extended Essay process is that each student gets a Supervisor to assist them, someone in the field of the topic they choose.

### Creativity, Activity, Service

This is a holistic portion of the IB curriculum that requires students to engage in a range of activities alongside their academic studies throughout the two years of the program. It is designed to foster students' personal and interpersonal development by learning through experience.







# WORK-BASED LEARNING

## Definition

The Indiana Department of Education defines work-based learning (WBL) as ongoing interaction between students and industry professionals in real or simulated workplace settings. These experiences provide authentic, hands-on learning opportunities that help students build career-ready knowledge, skills, and attributes. WBL is intentionally connected to course standards and training goals, and is evaluated to ensure students meet those expectations. Each WBL experience requires a written partnership agreement and plan involving the student, parent or guardian, school, and employer partner.

## Purpose

WBL is more than just an Indiana Diploma option. At HSE Schools, we believe it is an essential experience that helps students make informed decisions about their plans after graduation—while potentially saving students and families time and money.

An experience that helps a student discover what they do not want to pursue can be just as valuable as one that confirms a future career path. We also believe work-based learning increases student engagement, strengthens workforce development, and supports long-term talent retention within our community.



## WBL EXPERIENCES

**Students from HSE have participated in internships with these employers:**

- ABC Construction
- Ascension St. Vincent Hospital
- Indiana University Health Fishers
- Play School
- Heartland Church
- Supply Kick
- The Tot Spot
- Lake Meadows Assisted Living
- Ed Martin Toyota
- SMC Corporation of America
- Northridge Gracious Living
- Nexxt Spine
- INDEX Corporation

Learn more at
**hseschools.org/wbl**






# INDUSTRY PARTNERS

The HSE Network model thrives through the collaboration of local industry professionals who partner with our programs and teachers to provide students with relevant, real-world learning opportunities. These partners generously share their time and expertise, offering insight into their fields and helping ensure our students experience innovative, future-focused learning. Together, we are building strong workforce pipelines that support student success and strengthen our local community. We are grateful for their continued partnership and the meaningful impact they make on our students and schools.

Community Health Network
Fishers Health Department
IU Health
Fishers AgriPark
Indiana Soybean Alliance
EXOS CYBER × TALENT × IT
CK
Corteva agriscience
BIOMEDIT
Elanco
farm Credit Mid-America
Indiana Farm Bureau Insurance
allwyn
charles SCHWAB
SEP
SMC
Counterpart
EDWARD WOLENTY ATTORNEY
CHRIS RIEGLER ATTORNEY
First Internet Bank
State Farm — CLINT WILSON fishersagent.com
FYI
LAUNCH FISHERS
BANKS & BROWER
BARNES & THORNBURG LLP
Fishers Est. 1872
Fishers Police
MJC Massillamany Jeter & Carson LLP — Your future is our business.
IU SPH Bloomington
BABBLE MEDIA
BROSMER PHOTOGRAPHIC — MEDIA • DESIGN • PRODUCTION
Towne Post Network — Fishers Magazine
Indy Art Center
Fishers Art Center
LarryInFishers
MELI
REISA CREATIVE
Elle Designs
Fishers Arts Council
BLADES AUDIO VIDEO SECURITY
The Annex
Generation Moonshot
CSO
Wellcrafted Startups
Ed Martin Automotive Group — The Only Name You Need to Know
Meyer Najem
DELV DESIGN
CEDIA — The Association for Smart Home Professionals™
AC Co — Flooring / Cabinets* Kitchen + Bath Remodel — Hub & Spoke
Nexxt Spine
spokenote
INDEX


Hamilton
Southeastern
Schools